



WATER WELL REPORT

Original & 1st copy - Ecology, 2nd copy - owner, 3rd copy - driller

Construction/Decommission ("x" in circle) **199986**

☒ Construction

☐ Decommission ORIGINAL INSTALLATION Notice of Intent Number _____

PROPOSED USE:		<input checked="" type="checkbox"/> Domestic	<input type="checkbox"/> Industrial	<input type="checkbox"/> Municipal
<input type="checkbox"/> DeWater		<input checked="" type="checkbox"/> Irrigation	<input type="checkbox"/> Test Well	<input type="checkbox"/> Other _____
TYPE OF WORK: Owner's number of well (if more than one) _____				
<input checked="" type="checkbox"/> New well		<input type="checkbox"/> Reconditioned		Method: <input type="checkbox"/> Dug <input type="checkbox"/> Bored <input type="checkbox"/> Driven
<input type="checkbox"/> Deepened		<input type="checkbox"/> Cable		<input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Jetted
DIMENSIONS: Diameter of well 8" inches, drilled 360 ft.				
Depth of completed well 340 ft.				
CONSTRUCTION DETAILS				
Casing	<input checked="" type="checkbox"/> Welded	8" "	Diam. from -3	ft to 200
Installed:	<input checked="" type="checkbox"/> Liner installed	6" "	Diam. from +1	ft to 240
	<input type="checkbox"/> Threaded		Diam. from	ft to
Perforations: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Type of perforator used _____				
SIZE of perfs _____ in. by _____ in. and no. of perfs _____ from _____ ft. to _____ ft.				
Screens: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> K-Pac Location _____				
Manufacturer's Name _____				
Type	Model No. _____			
Diam.	Slot size	from	ft. to	ft.
Diam.	Slot size	from	ft. to	ft.
Gravel/Filter packed: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Size of gravel/sand _____				
Materials placed from _____ ft. to _____ ft.				
Surface Seal: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No To what depth? 20 ft				
Material used in seal bentonite				
Did any strata contain unusable water? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Type of water? _____ Depth of strata _____				
Method of sealing strata off _____				
PUMP: Manufacturer's Name Myers				
Type: MYERS ss H.P. 5 hp				
WATER LEVELS: Land surface elevation above mean sea level _____ ft.				
Static level 100 ft. below top of well Date 8-18-05				
Artesian pressure _____ lbs. per square inch Date _____				
Artesian water is controlled by _____ (cap, valve, etc.)				
WELL TESTS: Drawdown is amount water level is lowered below static level				
Was a pump test made? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, by whom? _____				
Yield:	gal./min. with	ft. drawdown after	hrs.	
Yield:	gal./min. with	ft. drawdown after	hrs.	
Yield:	gal./min. with	ft. drawdown after	hrs.	
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)				
Time	Water Level	Time	Water Level	Time
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
Date of test _____				
Bailer test	gal./min. with	ft. drawdown after	hrs.	
Airtest 200	gal./min. with stem set at 280	ft. for 4	hrs.	
Artesian flow _____ g.p.m. Date _____				
Temperature of water _____ Was a chemical analysis made? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				

CURRENT

Notice of Intent No. w 230802

Unique Ecology Well ID Tag No. AKH950

Water Right Permit No. G4-35035

Property Owner Name Ashly Birch Group (Ashley-Bertsch Group)

Well Street Address 5803 W Metaline Ave., Kennewick, WA, 99353

City Kennewick County Benton

Location nw 1/4-1/4 sw 1/4 Sec 33 Twn 9n R 29e EWM or WWM ☒ circle one

Lat/Long (s, t, r) Lat Deg _____ Lat Min/Sec _____

Still REQUIRED) Long Deg _____ Long Min/Sec _____

Tax Parcel No. 1-3399-302-0036-008

CONSTRUCTION OR DECOMMISSION PROCEDURE

Formation: Describe by color, character, size of material and structure, and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information. (USE ADDITIONAL SHEETS IF NECESSARY.)

MATERIAL	FROM	TO
topsoil	0	2
gravel + boulders	2	50
gravel + medium sized rocks	50	80
gravel + trace H2O	80	120
gravel + sand+ boulders+ water	120	203
gray clay	203	210
gray medium hard basalt	210	290
fractures soft gray basalt + h2o	290	295
blue shale + h2o	295	300
blue shale+ red basalt + H2O	300	340
<div style="text-align: center;"> RECEIVED MAY 09 2006 DEPARTMENT OF ECOLOGY WELL DRILLING UNIT </div>		
3 ppm nitrates on site test		
<div style="text-align: center;"> DEPT OF ECOLOGY Received MAY 17 2006 CENTRAL REGION OFFICE </div>		
Start Date 8-1-05	Completed Date 8-16-05	

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

☐ Driller ☐ Engineer ☐ Trainee Name (Print) Thomas St. George

Driller/Engineer/Trainee Signature _____

Driller or trainee License No. 2781

IF TRAINEE,

Driller's Licensed No. _____

Driller's Signature _____

Drilling Company St. George Well Drilling Co.

Address 701 S 45th Ave.

City, State, Zip West Richland, Wa, 99353

Contractor's

Registration No. stgeogw954k4

Date 8-18-05

Ecology is an Equal Opportunity Employer.



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

15 West Yakima Avenue, Suite 200 • Yakima, Washington 98902-3452 • (509) 575-2490

Ashley-Bertsch

July 26, 2005

RECEIVED

JUL 27 2005

ASHLEY-BERTSCH

Ashley-Bertsch Group Inc
5803 W Metaline Ave
Kennewick WA 99336-1581

Re: Amended Emergency Drought Permit No. G4-35035

The Department of Ecology (Ecology) has reviewed your application for emergency drought authorization to withdraw 80 gallons per minute from an existing well as an emergency supply source to off set anticipated loss off supply from the Kennewick Irrigation District (KID).

KID has been authorized to use an emergency drought well to add to their prorated amount of 50%. The KID had planned to operate on a zoned rotation system in which they deliver water for six days and then are off for three days. Due to the severance of the drought, KID is now going to deliver water for three days and be off for six. In correspondence with William Pope of KID, it has been determined that the applicant will now need added water to lessen the impact of the drought.

Ecology has agreed to fund the cost of the mitigation or offsets for the impacts associated with the drought emergency authorizations. Ecology is attempting to meet the essential irrigation needs of farmers growing perennial crops (such as orchard crops, grapes, hops, etc.) where the loss of irrigation water would permanently damage the crops. Through the use of emergency supplemental wells, Ecology is authorizing up to 80% of the usual irrigation water supply delivered by the irrigation districts. In a normal year, KID is prepared to deliver 3.5 acre-feet of water per acre. 80% of 3.5 acre-feet is 2.8 acre feet. KID is expected to deliver approximately 1.75 acre-feet of water per acre. The amount of water to be authorized is based on the irrigation requirements for the remainder of the season. This authorization will allow an additional 0.63 acre-feet of water per acre.

This authorization is subject to the following limitations and provisions:

This authorization is for a well to be located approximately 2500 feet north and 1000 feet east of the SW corner of Section 33 lying within the NW¼ SW¼ Section 33, T. 9 N., R. 29 E.W.M.

The instantaneous quantity of water to be withdrawn is limited to 30 gallons per minute.

A total of 2 acre-feet of water is authorized to irrigate 3.2 acres under this emergency permit.

The place of use is described as follows:

Benton County Parcel No. 1-3399-302-0036-008 lying with in the NW¼SW¼ of Section 33,
T. 9 N., R. 29 E.W.M.

